

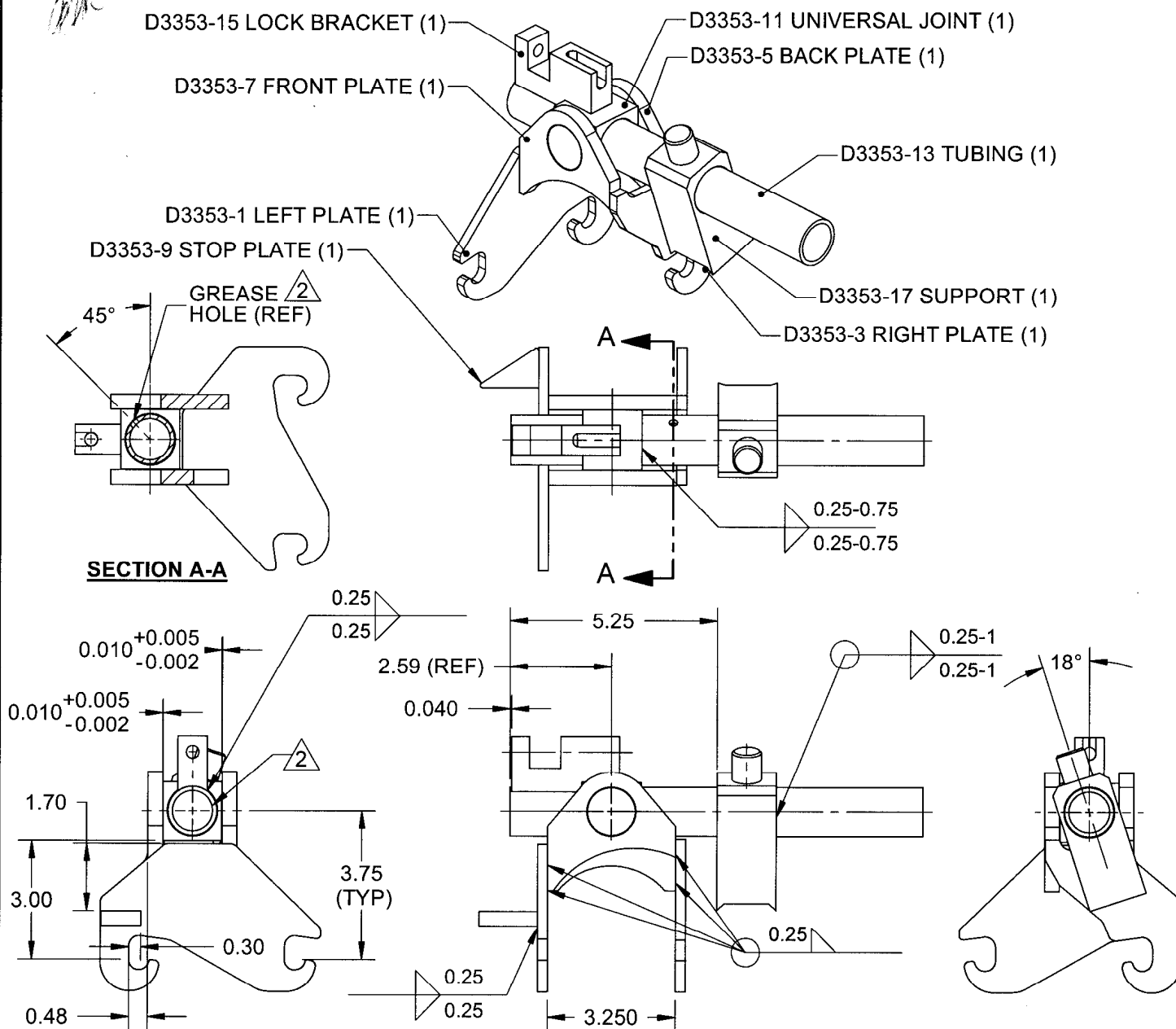


DESIGN RF	DRAWN BY RF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
CHECKED 	APPROVED 	DRAWING NO. <b>D3353</b>	REV. A SHEET 1 OF 10
DATE <b>04.12.14</b>		TITLE <b>LUG WELDMENT</b>	SCALE 1:4
A	04.12.14	NEW ISSUE	

RELEASED



### D3353-041 LUG WELDMENT

**NOTES:**

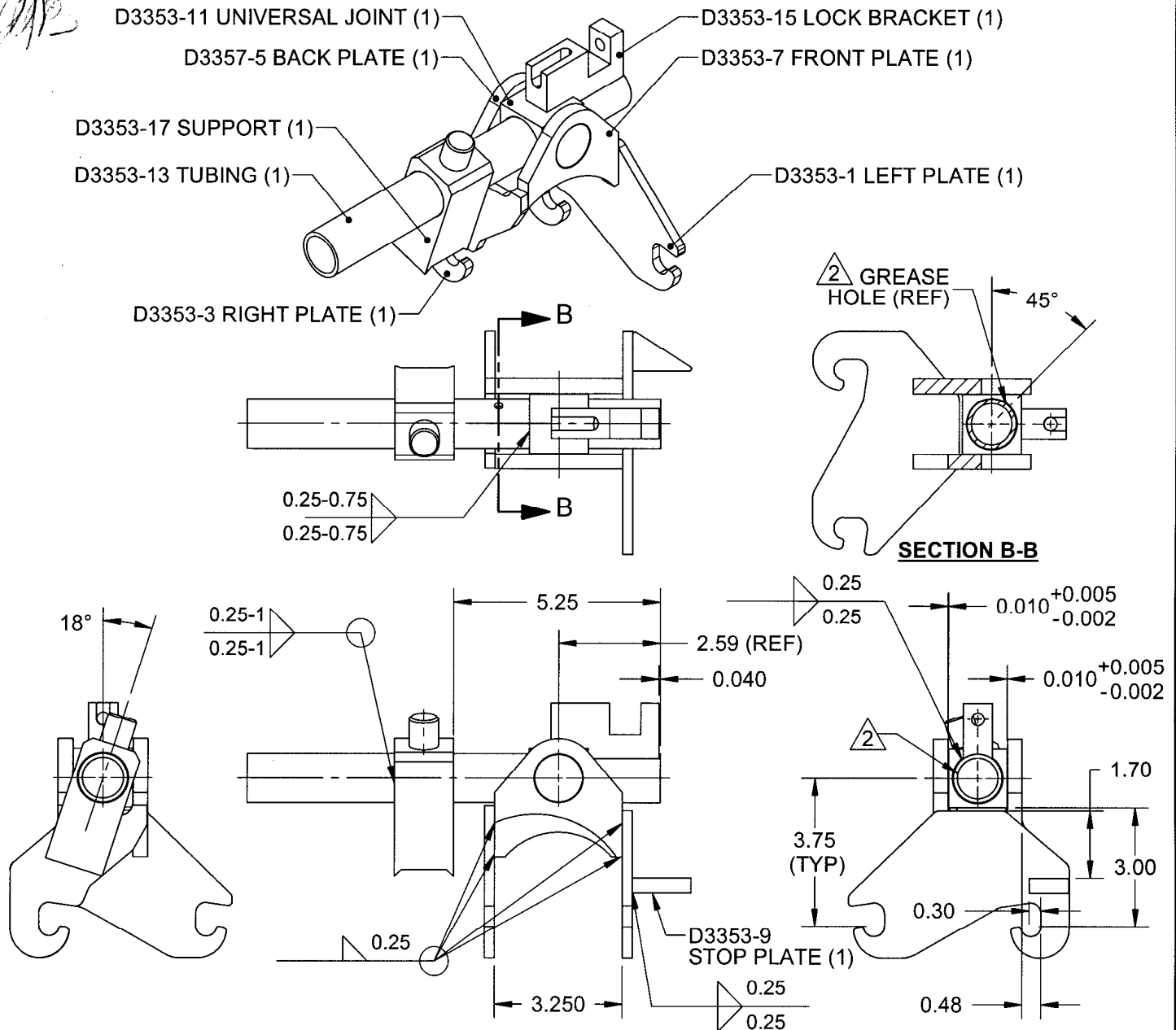
- 1) WELD PER DART QSI 004
- 2) COVER INSIDE HOLES PRIOR PAINTING
- 3) FINISH: POWDER COAT PAINT FIRE RED (4.3.5.10) PER DART QSI 005 4.3
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.010 TO 0.020

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DATE <b>04.12.14</b>		TITLE <b>LUG WELDMENT</b>	SCALE 1:4

**RELEASED**  
04/03/59**D3353-042 LUG WELDMENT****NOTES:**

- 1) WELD PER DART QSI 004
- 2) COVER INSIDE HOLES PRIOR PAINTING
- 3) FINISH: POWDER COAT PAINT FIRE RED (4.3.5.10) PER DART QSI 005 4.3
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES 0.010 TO 0.020

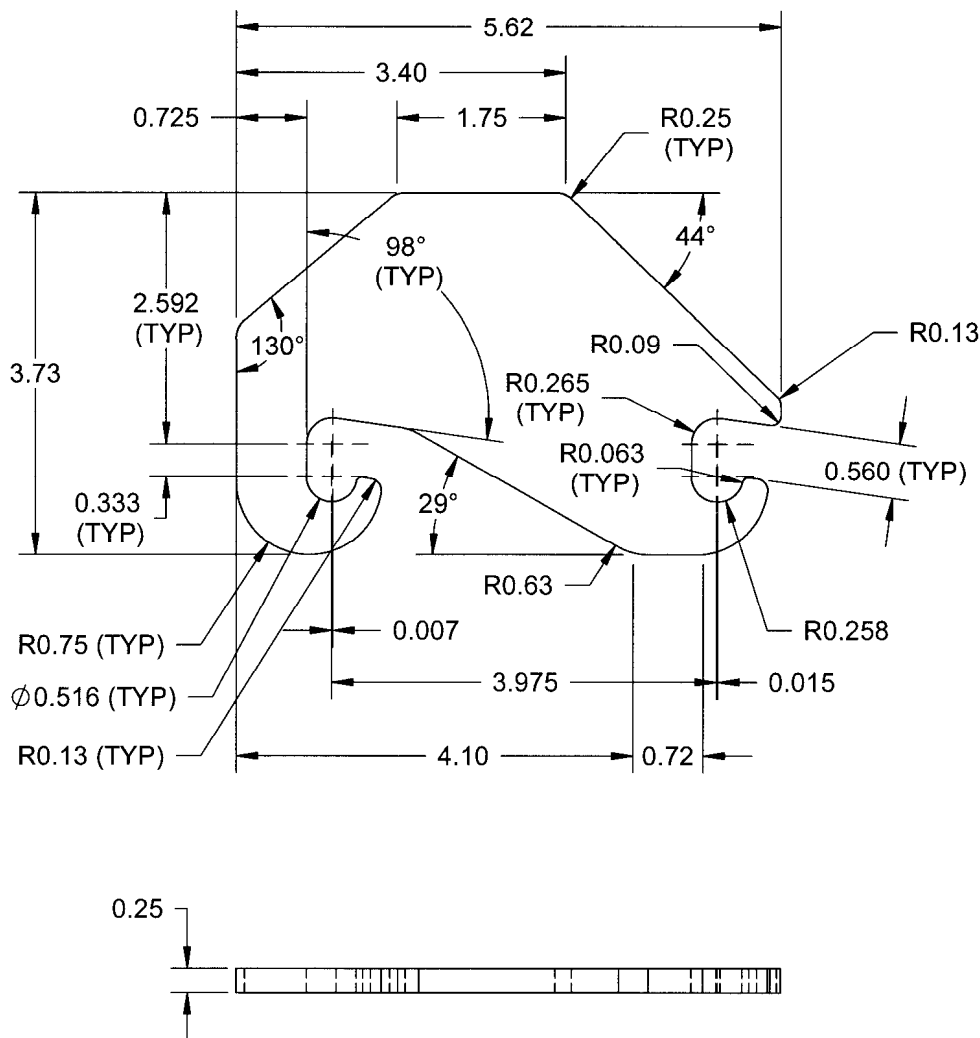
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DATE <b>04.12.14</b>		TITLE <b>LUG WELDMENT</b>	SCALE 1:2

RELEASED  
*[Signature]*  
06/05/04



### D3353-1 LEFT PLATE

#### NOTES:

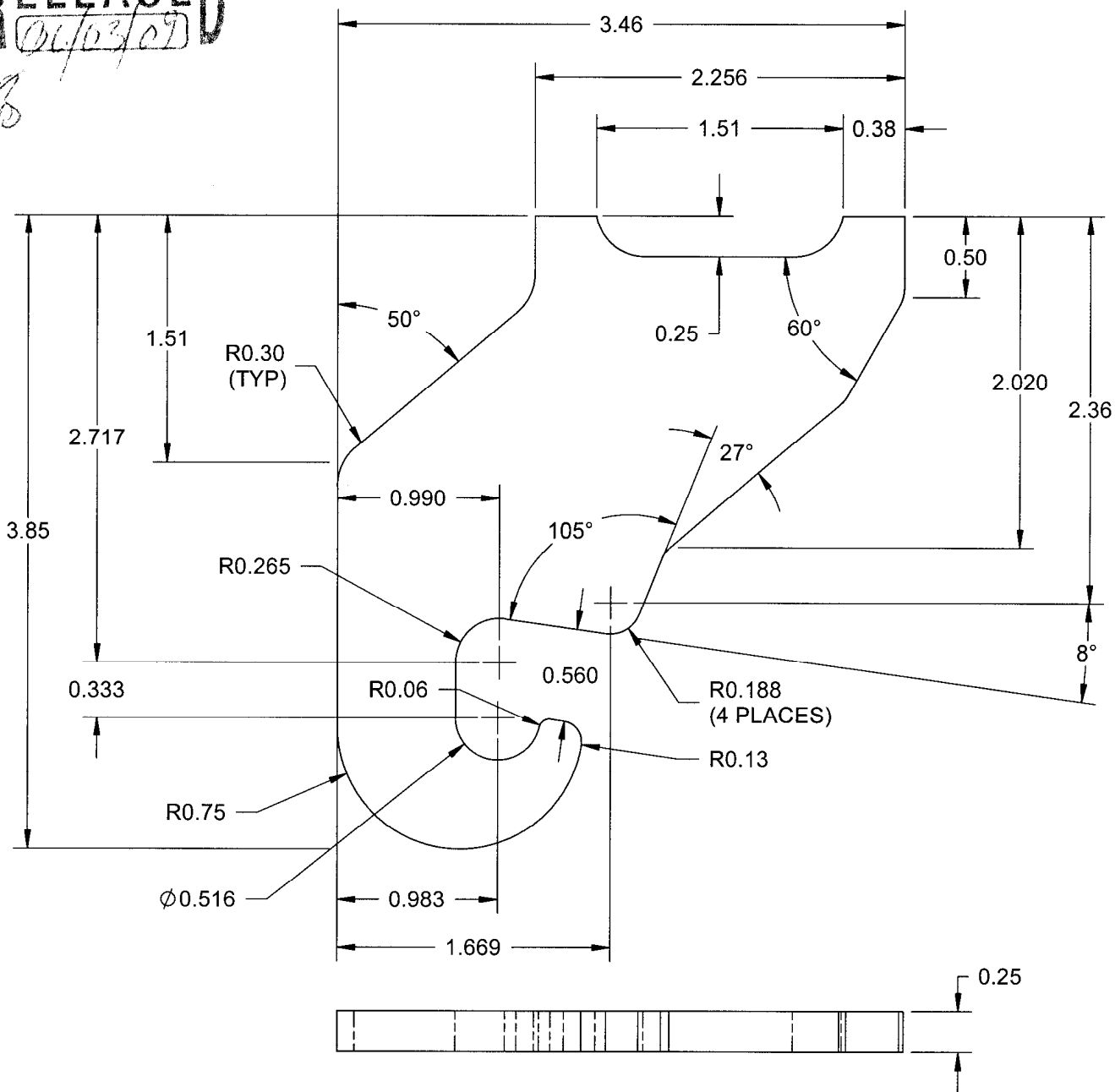
- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W SERIES STEEL 3 GAUGE (0.250 THICK)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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DATE 04.12.14		TITLE LUG WELDMENT	SCALE 1:1

RELEASED  
01/03/09



### D3353-3 RIGHT PLATE

**NOTES:**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A108 OR CSA G40.21,  
38W/44W/50W/60W/70W SERIES STEEL 3 GAUGE (0.250 THICK)  
2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED  
3) ALL DIMENSIONS ARE IN INCHES  
4) BREAK ALL SHARP EDGES 0.010 TO 0.020

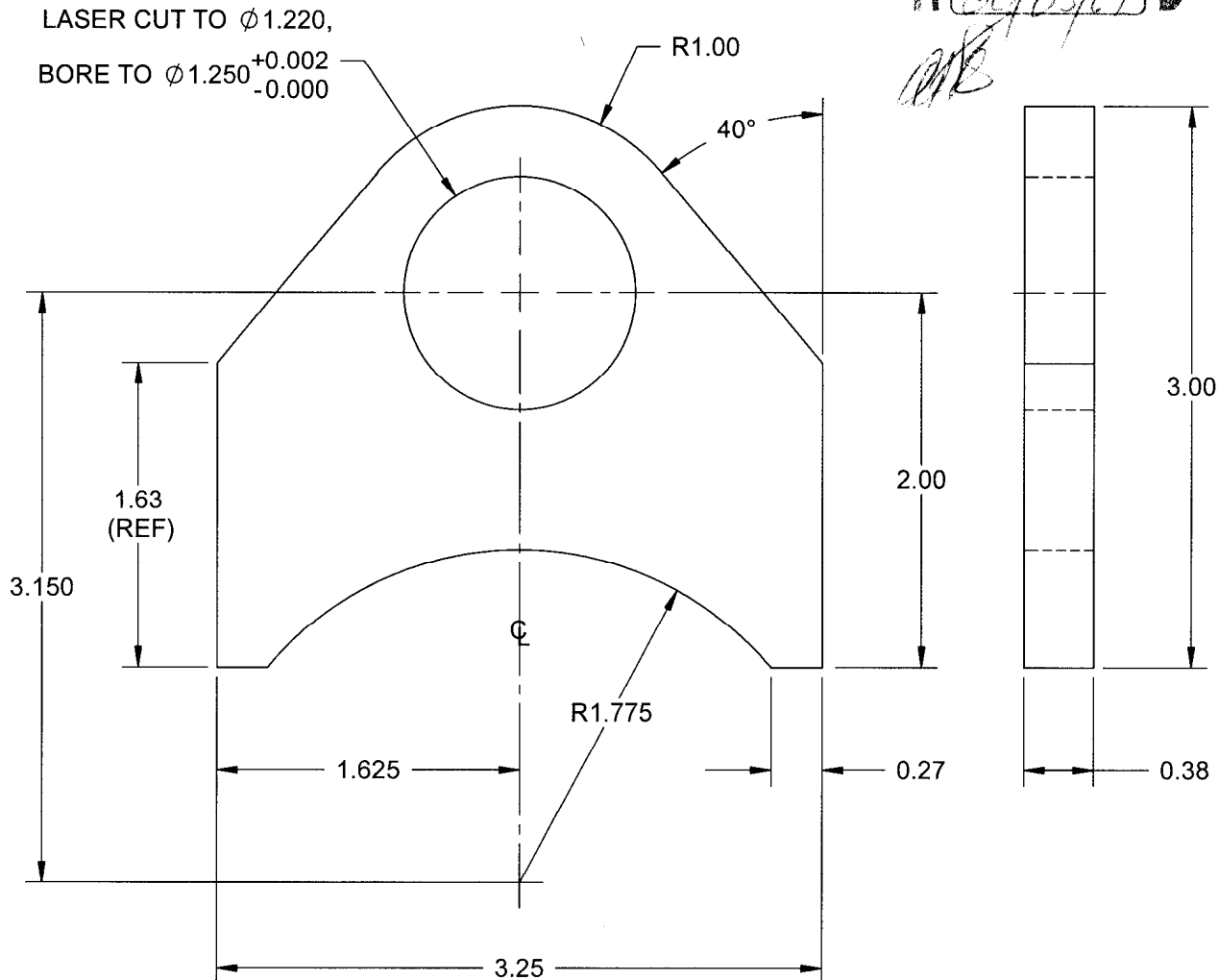
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DATE <b>04.12.14</b>		TITLE <b>LUG WELDMENT</b>	SHEET 5 OF 10 SCALE 1:1

**RELEASED**  
*[Stamp: 06/03/09]*



### **D3353-5 BACK PLATE**

#### **NOTES:**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A108 OR CSA G40.21, 38W/44W/50W/60W/70W SERIES  
STEEL 0.375 THICK PLATE  
MIN. ULTIMATE TENSILE STRENGTH = 42 ksi  
MIN. YIELD TENSILE STRENGTH = 28 ksi
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

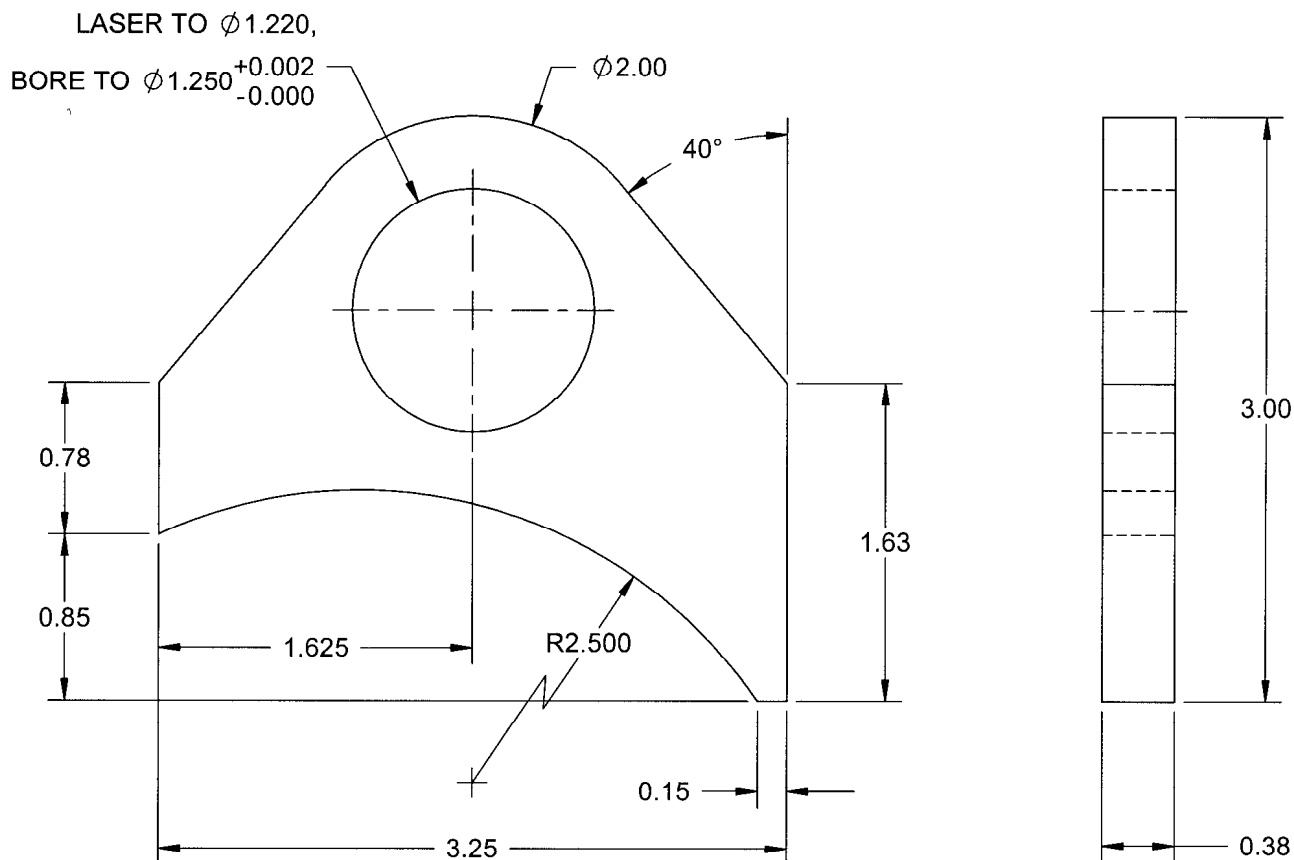
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DATE 04.12.14	TITLE LUG WELDMENT		SHEET 6 OF 10
			SCALE 1:1

RELEASED  
06/03/07



### D3353-7 FRONT PLATE

#### NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A108 OR  
CSA G40.21, 38W/44W/50W/60W/70W SERIES  
STEEL 0.375 THICK PLATE  
MIN. ULTIMATE TENSILE STRENGTH = 42 ksi  
MIN. YIELD TENSILE STRENGTH = 28 ksi
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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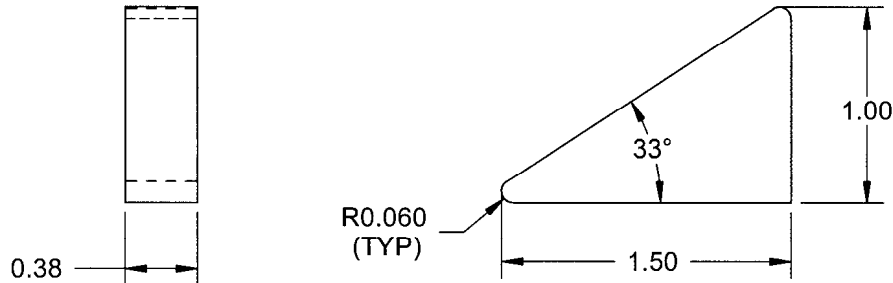
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DATE <b>04.12.14</b>	TITLE <b>LUG WELDMENT</b>		SCALE 1:1

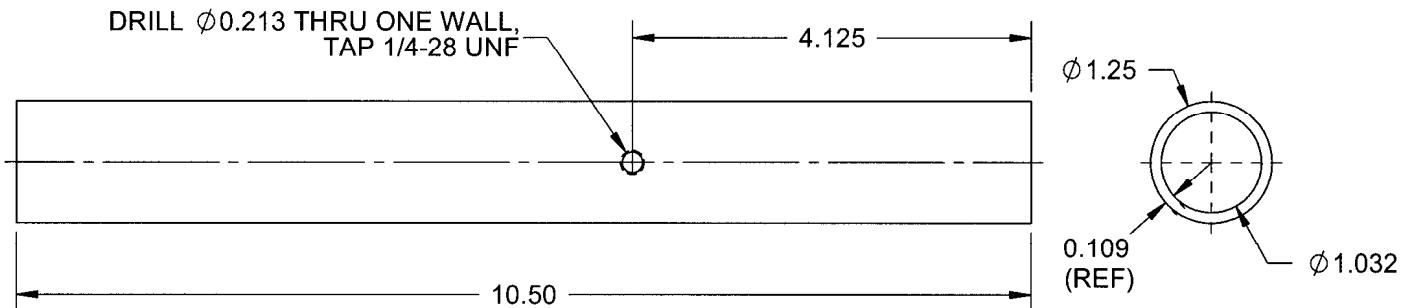
RELEASED  
3/3/09

*RF*



### D3353-9 STOP PLATE

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR  
CSA G40.21, 38W/44W/50W/60W/70W, 0.375 THICK  
MILD STEEL BAR (REF. DART SPEC. M1010-B)



### D3353-13 TUBING

#### NOTES:

- 1) MATERIAL: MIL-T-5066 OR ASTM A513-00 MT1020 SRA OR AMS 5075 OR AMS 5077,  
Ø 1.250 x 0.125 WALL, COLD DRAWN STEEL TUBING  
(REF. DART SPEC. M1020TR1.250W.109)

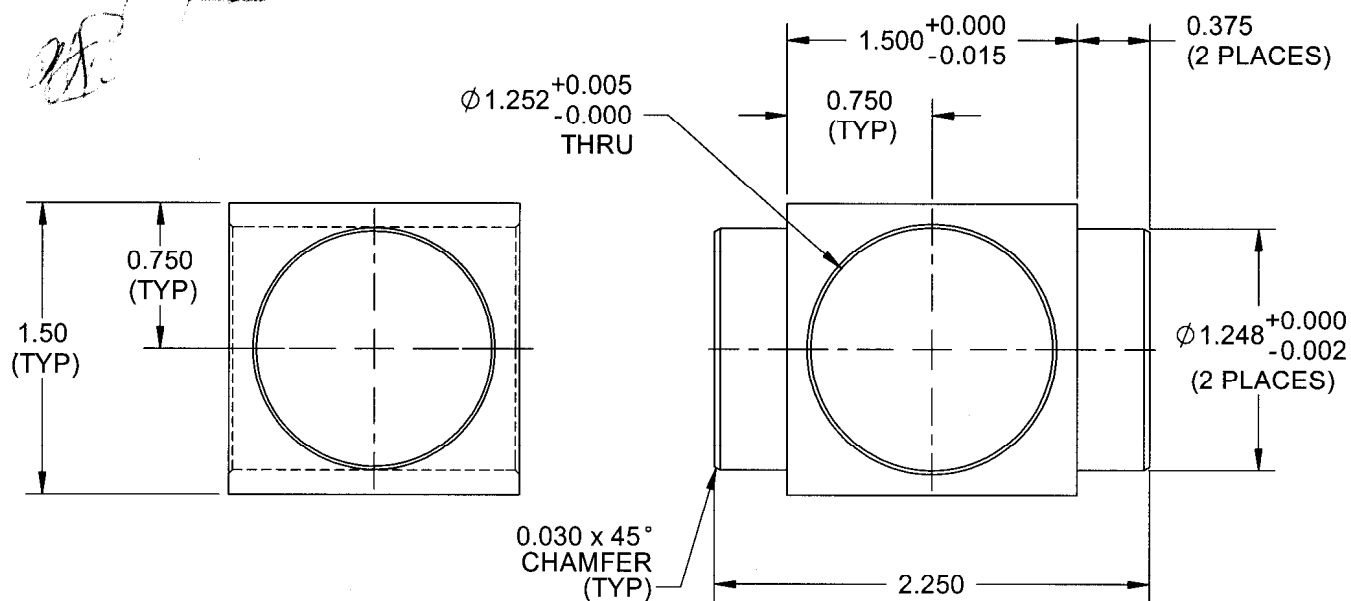
#### NOTES:

- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED  
3) ALL DIMENSIONS ARE IN INCHES  
4) BREAK ALL SHARP EDGES 0.010 TO 0.020



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DATE <b>04.12.14</b>	TITLE <b>LUG WELDMENT</b>		SCALE 1:1

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06/33/09



### D3353-11 UNIVERSAL JOINT

#### NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR CSA G40.21, 38W/44W/50W/60W/70W, 1.50 SQUARE MILD STEEL BAR (REF. DART SPEC. M1010-B)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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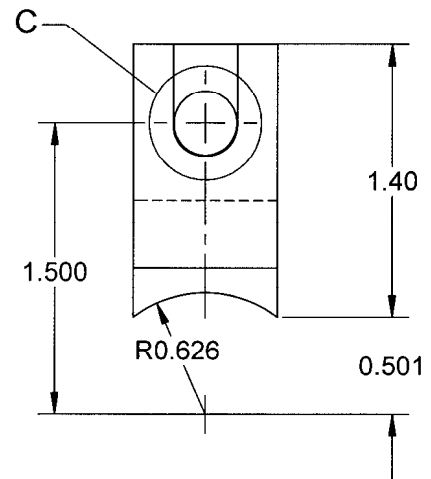
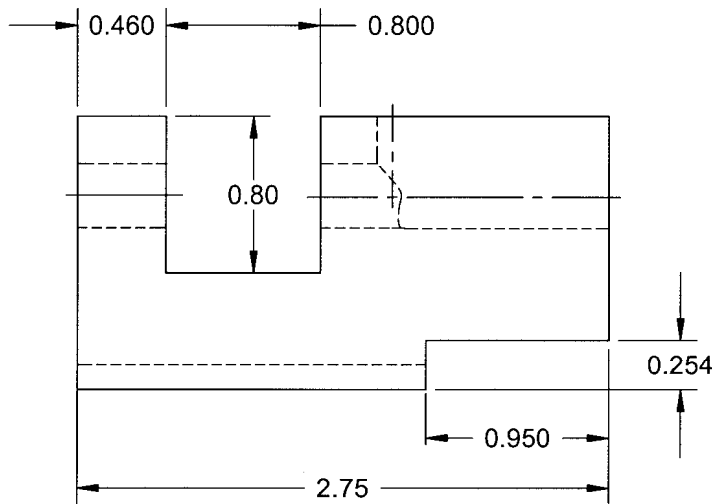
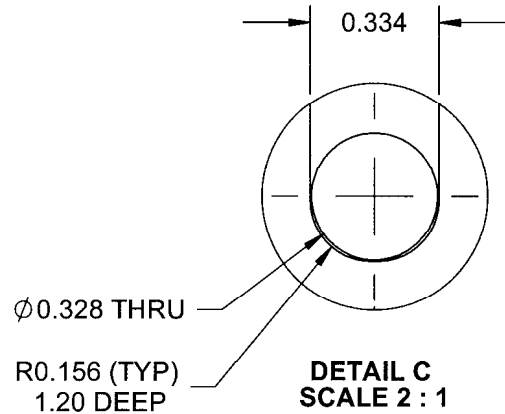
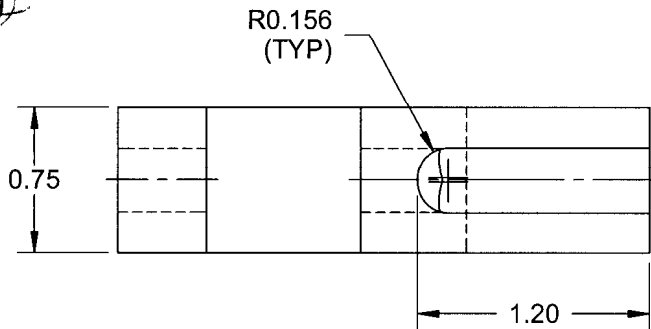
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DATE <b>04.12.14</b>		TITLE <b>LUG WELDMENT</b>	SCALE 1:1

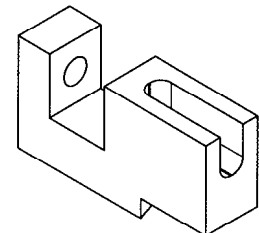
RELEASED  
35/03/09



### D3353-15 LOCK BRACKET

#### NOTES:

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR  
CSA G40.21, 38W/44W/50W/60W/70W, 0.75 THICK MILD  
STEEL BAR (REF. DART SPEC. M1010-B)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020



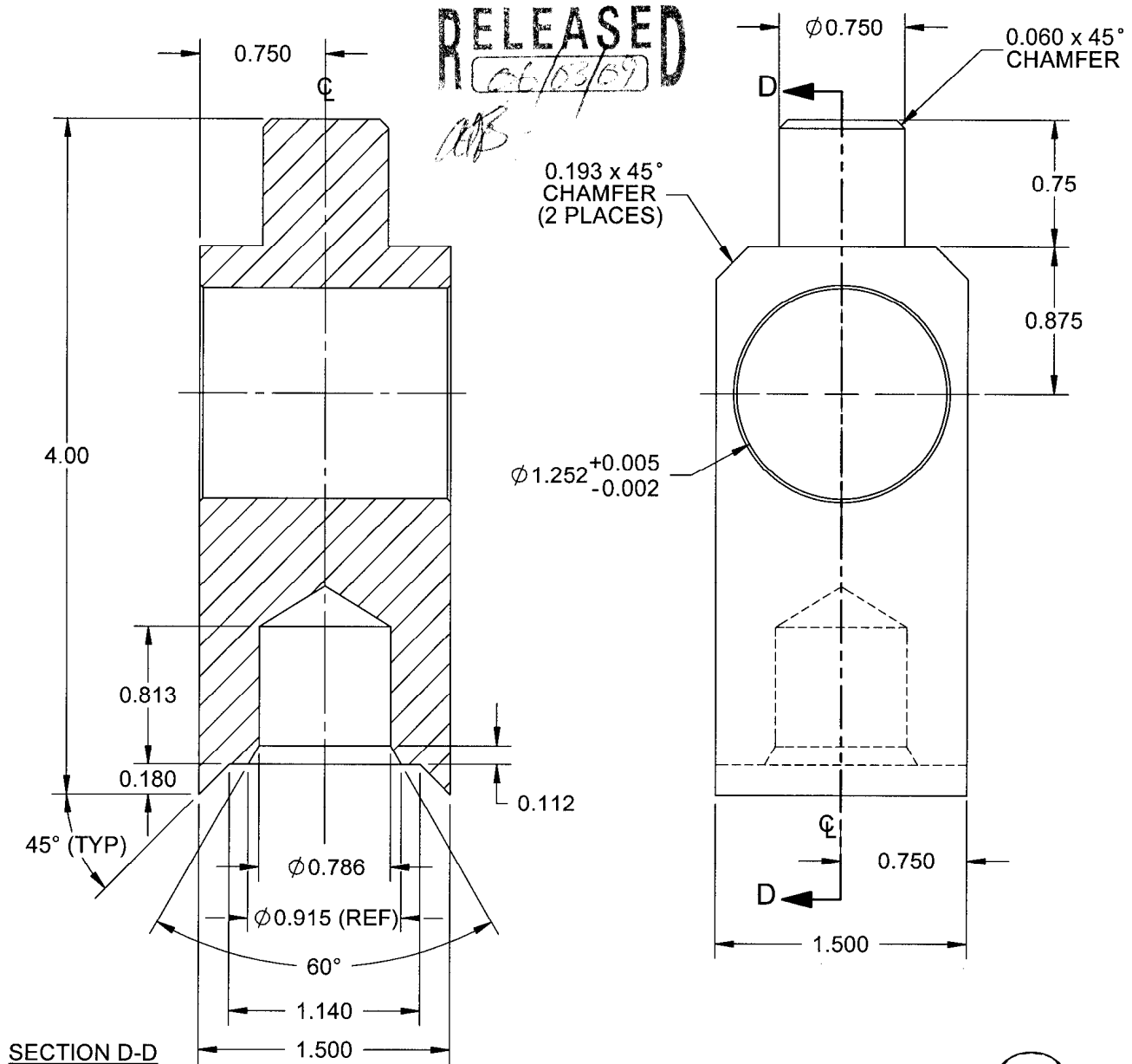
**ISOMETRIC VIEW**  
**SCALE 1 : 2**

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DATE <b>04.12.14</b>		TITLE <b>LUG WELDMENT</b>	SCALE  1:1

**D3353-17 SUPPORT****NOTES:**

- 1) MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR CSA G40.21, 38W/44W/50W/60W/70W, 1.50 SQUARE MILD STEEL BAR (REF. DART SPEC. M1010-B1.500x01.500)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.020

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